CAPILLARIES

FEATURES

· High strength capillaries
· Pressure resistant
· Specialty coating for high temperature and harsh chemicals
· Sterilizable by ETO, steam, e-beam, gamma radiation
· UV and IR optical quality available

CAPILLARY DESIGN

· Capillary Design:	Pure fused silica tube Polyimide coating (to 385°C) uncoated (to 950°C)

CAPILLARY Properties

· Inner diameters:	2 µm to 2000 µm
· Wall thickness:	10 µm to 1000 µm
· Length:	1 m to 10 km (depends on diameter)
· Standard tolerances:	± 1 % (Inner diameter)

Options

· Coating: Acrylate (-40 °C to 85 °C) or (-40 °C to 180 °C)
Silicone resin (-40 °C to 180 °C)
· Inner coating
· Capillary bundles
· Tapered capillaries
· Capillar drilling
· Fusing of optical fibers on capillaries
· Overcladding of fibers with capillaries

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CAPILLARIES

SPECIFICATIONS

Product code	Inner Ø µm ± 1%	Outer Ø µm ± 3%	Coating Ø µm ± 3%	Coating Material
CAP10 / 50PI	10	50	60	Polyimide
CAP10 / 100PI	10	100	120	Polyimide
CAP20 / 100PI	20	100	120	Polyimide
CAP20 / 200PI	20	200	220	Polyimide
CAP30 / 72PI	30	72	85	Polyimide
CAP30 / 150PI	30	150	170	Polyimide
CAP40 / 95PI	40	95	110	Polyimide
CAP40 / 200PI	40	200	220	Polyimide
CAP50 / 85PI	50	85	100	Polyimide
CAP50 / 120PI	50	120	140	Polyimide
CAP80 / 130PI	80	130	150	Polyimide
CAP100 / 125PI	100	125	145	Polyimide
CAP100 / 165PI	100	165	185	Polyimide
CAP128 / 160PI	128	160	180	Polyimide
CAP128 / 210PI	128	210	230	Polyimide
CAP170 / 215PI	170	215	235	Polyimide
CAP170 / 280PI	170	280	300	Polyimide
CAP250 / 315PI	250	315	335	Polyimide
CAP250 / 410PI	250	410	430	Polyimide
CAP420 / 530PI	420	530	550	Polyimide
CAP420 / 700	420	700		Polyimide
CAP550 / 700	550	700		Polyimide
CAP550 / 900	550	900		Polyimide
CAP800 / 1000	800	1000		Polyimide
CAP800 / 1320	800	1320		
CAP950 / 1200	950	1200		
CAP950 / 1570	950	1570		

For Silicone coating replace PI with S in product code.
For Acrylate coating replace PI with A in product code.

Other specifications upon request.

Eg.: $\frac{\text{Inner Diameter}}{\text{Outer Diameter}} \cdot \text{Ratio}$

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